

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026068**Date Inspected:** 05-Aug-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC) Changxing Island **Location:** Shanghai, China**CWI Name:** Shi Lei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Vikram Singh was present during the times noted above for observations relative to the work being performed at ZPMC.

Vessel Zhenhua #19

This QA Inspector randomly observed the following work in progress:

OBG 14W

During random in process observations of OBG Segment 14W, this QA inspector observed ZPMC personnel painting various welds after MT inspection @ PP125.5, CB side. This QA performed Visual Testing (VT) of the welds and found the welds appeared to be in general compliance with the applicable contract documents.

OBG 13CW

During random in process observations of OBG Segment 13CW, this QA inspector observed ZPMC personnel performing grinding/buffing to remove paint from weld and 25mm adjacent area both side of the weld located on floor beam stiffener for MT inspection @ PP124, This QA performed Visual Testing (VT) of the welds after paint removed and found welds are appeared to be in general compliance with the applicable contract documents.

OBG 13BW

During random in process observations of OBG Segment 13BW, this QA inspector observed ZPMC personnel performing bolting on hand grills @ PP121.5. This QA performed Visual Testing (VT) of the bolts and found the

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

bolts appeared to be in general compliance with the applicable contract documents.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Singh, Vikram	Quality Assurance Inspector
Reviewed By:	Riley, Ken	QA Reviewer
